RECORD

1979

Reed C. Rollins
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Cambridge, MA 02138

VERNON
ROYAL

ACCOUNT BOOKS

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VERNON ROYAL, INC. Elizabeth, N. J. 07208 MADE IN U S A

Nebraska

7901 Erysimum asperum (Nutt.) DC: Ash Hollow
(1) Gravelly limestone knoll, edge of Ash Hollow
first near U.S. Hwy 26, 5 miles
35566.6 southeast of Lewellen, Garden County
Nebraska - May 19, 1979

7902 Lesquerella arenosa (Richardson) Rydb.
(5) Stems several from base, outer a
35546.4 little decumbent; clay-like soil in
first a small ravine, near U.S. Hwy
26, 8 miles south east of Broadwater,
Morrill County, May 19

Chorispora tenella, Descurainia
sophia and Thlaspi arvense cited
along highway in Morrill County.

7903 Lesquerella ludoviciana (Nutt.) Wats.
widely branching perennial, steep clay
first slope, hill south of Scotts Bluff,
(1) Scotts Bluff County

N=10 [illegible]

Nebraska

7904 Physaria brassicoides Rydb.

fixed (4)

steep clay hillside, canyon wall south of Scotts Bluff, Scotts Bluff County.
May 19

7905 Erysimum asperum

fixed

Sandy soil, canyon south of Scotts Bluff
as 7904

7906 Lesquerella ludoviciana (Nutt.) Wats.

fixed (2)

Sandy banks in Ranbadeau Pass, 5 mi. W. of Gering, Old Oregon Trail, ~~South of Scotts Bluff~~ Co. 15 miles northwest of Scotts Bluff, Scotts Bluff County, May 20, '79
n = 5 ! Craig Freeman

7907 Physaria brassicoides Rydb.

(14)

clay knolls and banks, plants with numerous stems, sometimes stoloniferous, basal leaves usually rounded but sometimes with a few teeth.
Clay hills, 6 miles west of Gering, Scotts Bluff County
May 20, '79
n = 4 ! Craig Freeman

Nebraska

7908 Lesquerella ludoviciana (Nutt.) Wats.
frid abundant on gravelly knolls,
1.3 miles southeast of Henry,
U.S. Hwy 26, Scotts Bluff County,
May 20, '79
(3) n=10 ! Craig Brenne

Wyoming

7909 Arabis holboellii Hornem. var. retrofracta (Graham.) Rydb.
Siliques strictly reflexed, pine-
(2) juniper assoc., chalky hills,
6.4.9 6.4 miles ~~south~~ east of Guernsey,
Goshen County
May 20

7910 Lesquerella alpina subsp. alpina (Nutt.) Wats.?
caespitose, often branching beneath soil,
(11) gravelly hillside - broken plants
under junipers
as 7909
Basal lvs. ? neither Lesquerella ? wicket

with Richard

Wyoming

7911 Lomatium orientale C.&R. Umbelliferae

(3) Rocky hill, near microwave tower 12 miles south of Glendo, Platte County.

May 20

984 Det. Lincoln Constance

7912 Alyssum desertorum Stapf

(3) abundant along road to microwave Tower, as 7911

7913 Physaria brassicoides Rydb.

(6) badland area with high ~~Se~~ selenium, barren clay-like soil, 5 miles southeast of Douglas, Converse County,

29.5

May 20

n = 8 ! Craig Dorn

7914 Physaria didymocarpa (Hook.) Gray

~~Wyo. Mont.~~ ?

06.1 steep slope in limestone clip-rock; north of Casper Mt., 20.5 miles northeast of Alcova on ~~Hwy 220~~ Wyo. Hwy 220, Natrona

(12) County.

May 21

Wyoming

7915 Arabis demissa Greene var. ~~macrola~~ languida Rollins
Silique widely spreading; (18)
crevices of limestone pavement and
open areas nearby; juniper
25.3 woodland, 2 miles northeast
of Alcova, off Hwy 220,
Natrona County.

7916 Lesquerella ludoviciana (Nutt.) Wats.
Stems few, decumbent
Fruited (2) juniper area
as no 7915
n = 10 ! Craig Greene

7917 Arabis lignifera A. Nels.
Silique pendulous,
(7) juniper area
as no 7915

7918 Lesquerella alpina subsp. alpina (Nutt.) Wats.
red clay soil, hillside, growing
(7) in tight clumps,
27.2 1 miles northeast of Alcova,
Natrona Co.

May 21

Wyoming

7919 Physaria didymocarpa (Hook.) Gray
tight clumps, as 7918

fixed
(2)

7920 Physaria acutifolia Rydb.
near tops of pass, between Alcova and Independence Rock, Wyoming
220, Natrona County
May 21

fixed
(3)

7921 Lesquerella montana (Gray) S. Wats.
gravelly knoll, Pathfinder Dam Road, between Alcova and Independence Rock, Natrona Co.
May 21

fixed
(6)

7922 Physaria ~~albiflora~~ eborniflora Roll
petals whitish, sepals purple or greenish
granitic and marble detritus, steep hillside
juniper area. 13.5 miles northeast
of Muddy Gap, Natrona County
6,500 ft. May 21
near Devil's Gate

(22)
56.6
fixed

Wyoming

7923 Arabis microphylla
Fls. purplish, stems numerous from a multicipital caudex, crevices and deep shade of granite boulders
as 7922 siliques ascending.
field

7924 Schoenocrambe linifolia (Nutt.) Greene
Steep hillside in granitic detritus
as 7922
field

7925 Arabis holboellii Hornem. var. retrofracta (Graham.) Rydb.
(2) siliques reflexed, stems one or two,
as 7922

7925a Arabis fendleri (Wats.) Greene
(1) var. spatifolia (Rydb.) Roll.

7926 physaria eborniflora Roll.
(4) petals whitish, sepals erect, greenish,
steep clay and rock hillside, 3
miles south of Muddy Gap,
Carbon County

May 21

Coll. #	
7903 -	n = 10
7906 -	n = 5
7907 -	n = 4
7908 -	n = 10
7913 -	n = 8
7916 -	n = 10

7927

(15)

7928

(5)

7929

(1)

7929a

(1)

Wyoming

7927 Thelypodiopsis elegans (Jones) Rydb.
Fls. light lavender, stems one
fixed to several, leaves fleshy
(15) clay-like flat, 16 miles north
of Rawlins, Carbon County
May 21 20

subsp. condensata (A. Nels.) Rollins & Shaw
7928 Lesquerella alpina (Nutt.) wats.?
dense, steep hillside in broken
(5) clays rock, ~~flat~~ 12 miles north
of Rawlins, Carbon County
May 21

7929 Arabis ligulifera A. Nels.
(1) siliques pendulous, stems one
or two, ~~5~~ petals light lavender
~~small~~ ravine near sagebrush
as 7928

7929a
(1) A. holboellii Hornem. var. pendulocarpa
(A. Nels.) Rollins

Wyoming

c57
~~c17.6~~

7930 Oxytropis deserticola Stapf
Roadside, abundant on open range,
about 15 miles north of Baggs,
(4) Carbon County
May 22

7931 Erysimum
Sandy hill with sagebrush,
1 mile off Wyo. hwy 789, 12 miles
fwd north of Baggs

May 22

7932 Physaria acutifolia Rydb.
Red soil on gentle hillside,
(5) 13 miles north of Baggs, 2 miles
off Wyo hwy 789

May 22

7933 Thelypodiopsis elegans (Jones) Rydb.
Fls pale lavender, loose gypsum,
(10) high hill 2 miles west of Wyo.
highway 789, about 8 miles
north of Baggs

Wyoming

7934 Chorispora tenella (Pall.) DC.
abundant along Wyo highway 789,
① 8 miles north of Baggs, Carbon
County
May 22

7935 Schoenocrambe linifolia (Nutt.) Greene
Rhizomatous, lower lvs. pinnatifid,
③ stony hillside, 1 mile south
of Baggs, Carbon County
May 22

7936 Arabis lignifera A. Nels.
possibly 2 species

④ (1) stems single, erect, siliques strictly
7936a reflexed A. holboellii Hornem. var retrofracta (Graham.) Rydb.

⑦ (2) stems several, arching upward, siliques pendulous, pedicels arched

stony hillside
as 7935

Part collection with Richard

alone

Colorado

7937 Thelypodiopsis elegans (Jones) Rydb.
Fls light lavender; sepals reflexed, bow-shaped upward, cauline lvs. auriculate and surrounding stem
(12) steep clay bluff of Yampa River, 4 miles east of Craig, Moffat County
May 22

7938 Physaria acutifolia Rydb.
Pedicels somewhat sigmoid, siliques inflated, fls yellow.
(9) as 7937

7939 Lepidium perfoliatum L.
Abundant along road
(4) as 7937

alone

Colorado

7940 Physaria acutifolia Rydb.
Clay hillside, bluff of Yampa River, 2.5 miles west of Steamboat Springs, Routt County
May 22
filed

7941 Cymopterus longipes S. Wats. umbellifer.
brown and infl., branches elevated
fls. yellow
(3) as 7940
Det. Lincoln Constance

7942 Physaria floribunda Rydb.
Black shale and clay, roadside cut, colo. hwy 134 between Toponas and Kremmling, 30 miles west of Kremmling, Routt County
May 23
(3)
filed
~~#498~~

7943 Erysimum
Stems several from base or one, clay-like soil, 2 miles north of Kremmling, Grand County
May 23

alone

Colorado

7944 Physaria osterhoutii **Payson**
(14) chip rock and clay, knolls below
fruit rim-rock just across Muddy ~~Creek~~
from Kremmling, Grand Co.
alt. 7,300 ft.
May 23

7945 Streptanthus cordatus
as 7944
fruit
(1)

7946 Lesquerella **parvula** Greene
caespitose, high hill just below
summit, stony gravel, 5 miles
(15) east of Kremmling, U.S. Hwy 40,
Grand County
May 23

alone

Colorado

7947 Physaria ~~bellii Mulligan~~ vitulifera Rydb.
Stems horizontal, rosette flat
fixed granitic soil, road bank,
(4) Lookout Mountain, just west
of Golden, Jefferson County
May 23

7948 Physaria bellii Mulligan
Stems horizontal mostly or decumbent,
(14) shale of road cut, U.S. hwy 36,
9 miles south of Lyons, Boulder
County.
May 24

With Kate

7949 Arabis fendleri (S. Wats.) Greene var. ~~spatifolia~~ (Rydb.) Roll.
fixed Siliques pendulous. Stems
mostly one from the base.
(27) Granitic gravel · Hillside in
piñon-juniper area. 4.4 mi.
~~east~~ ~~south~~ of ~~Buena Vista~~ Johnson Village, Chaffee
Co.
May 25

Colorado

7950 Arabis fendleri (S. Wats.) Greene var. spatifolia (Rydb.) Roll.
Siliques pendulous. Stems single. Granitic rocks. 2.7 miles ~~south~~ east of Gunnison-Iola Village
May 25
(5)

7951 Schoenocrambe linifolia (Nutt.) Greene
Fixed
Gravelly knoll. Sage brush area. Near US Hwy 50. 2 mi E of Doyleville, Gunnison Co
May 26

7952 Erysimum crandallii Robinson
Fixed
Siliques ascending. Petals light lilac to white. Caudex branching. Deep soil in sagebrush. Decomposed granite. 18 mi E of ~~Gunnison~~ Gunnison Co.
6 mi E of Parlin
May 26
704.4
(18)

Colorado

7953 Arabis demissa var. demissa Greene
fixed siliques widely spreading
(18) stems several from a single base
on rocks of granite boulders
as 7952

7954 Arabis fendleri (S. Watt.) Greene
var Spatifolia
Siliques pendulous. Stems
(13) one or two from base.
On decomposed granite. As
7952 (Rydb.) Roll.

7955 Halimolobos virgata (Nutt.) Schulz
Flowers white, siliques
erect. Among Sagebrush
(2) As 7952.

Colorado

1956 Arabis fendleri (S. Wats.) Greene
Siliques pendulous.
Foliage greenish. Same
(2) as 1952

retrofracta (Graham.) Rydb.

1957 Arabis holboellii Hornem. var.
Siliques pendulous to
strictly reflexed. Foliage
(10) grayish. As 1952

1958 Draba nemorosa L.
~~Draba Crandallii~~
Annual. Flowers yellow
As 1952

(8)

Colorado

7959 Phacelia rollinsii Mulligan
Fifed Densely rosette-forming
(14) decomposed granite below granite boulders. As 7952

7960 Arabis gunnisoniana Rollins
730.5 Siliques widely spreading
723.6 Stems one to several from
6.9 the base. Stony hillside
with sagebrush. 6.7 miles
(25) E of Gunnison, 1 mile
West of Tomichi Creek.
Gunnison Co. May 26

7961 Arabis crandallii Robinson
Siliques ascending. Sage
(9) brush area on steep
hillside. As 7960

Colorado

pinetorum (Tides.) Rydb.
(Missoula) Rydb.

7962 mixture (2) — Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.
Siliques pendulous.
Stems single from the base. Sagebrush hillside
As 7960.

7962a (1) — Arabis fendleri (Wats.) Greene

7963 Fixed — Erysimum
Stems single, clay like ridge
Sagebrush hillside. 7.6 miles
E of Gunnison, 2 mi. west of
Tomichi Creek. Gunnison Co.
May 26

7964 (1) — Arabis demissa Greene
Siliques widely pendulous.
Rocky hillside with Sagebrush.
As 7963

Colorado

7965 Arabis gunnisoniana Rollins
Siliques widely spreading.
Stems one or several from
base. Stony hill with low
sagebrush. As 7963

(4)

7966 Arabis Crondalii Robinson
Siliques Ascending. Stony
hill with Sagebrush. As 7963

(1)

7967 Physaria rollinsii mulligan
Abundant in clay. Dense
rosettes As 7963.

(2)

Colorado

7968 Schoenocrambe linifolia (Nutt.) Greene
Fixed Rhizomatous perennial. Fragrant.
Branching just above base.
dense patches. Abundant on
(4) steep slope. Decomposed
granite Gunnison ~~Co~~ River
Canyon, 7.6 miles west of
Gunnison. Gunnison Co.
May 27

7969 Arabis crandallii Robinson
Fixed Flowers white. Siliques
erect Multicipital caudex.
Cauline leaves non-auriculate
(11) Rocky slope (Slope). .7 mi E of US 50,
off Gunnison Canyon. Gunnison
Co. May 27. Seems to be associated
with rocky areas. 17 miles west of
Gunnison

7970 Arabis crandallii Robinson
Fixed Buds and petals lilac to
purple. Siliques erect. Stems
(20) one or few from a single
rosette or branching caudex.
Cauline leaves auriculate.
Sagebrush hillside. Not
especially among rocks. As 7969

Colorado

7971 Physaria rollinsii Mulligan
Type Dense rosette. Abundant.
Rocky sagebrush knoll. As
7969

(4)

7972 Arabis ligulifera A. Nels.
~~Arabis selbyi~~?
Siliques widely spreading.
Petals light lilac. Stems
(2) arising below terminal leaf
cluster. Steep sagebrush
slope. As 7969

7973 Arabis gunnisoniana Rollins
Type Siliques widely spreading.
Sepals purplish. Petals white
or purplish. Stems several
from ~~a mat~~ an underground
(8) base. As 7969.
Stoney hillside

Colorado

7974 Arabis fimissa Greene

Stems several from a simple base. Siliques pendulous. Sepals and petal tips deep purple. Steep rocky hillside 1.6 miles E of US Hwy 50, 17.2 west of Gunnison. Gunnison Co. May 27

(3)

7975 Thelypodiopsis juniperorum (Payson) Rydb.

Fitted

(11)

juniper

Summit

Stems one or few from base Cæspitose. Sepals and petals bright purple. Sagebrush and Juniper area below granitic cliffs. 4 miles E of ~~Howard~~, Custer Co. May 27

Colorado

7976 Physaria floribunda Rydb.
Rosette leaves pinnate.
Root crown ~~thick~~ thick.
Stems decumbent. Sage
brush and juniper area
in decomposed granite.
As 7975

7977 Arabis holboellii Hornem.
var retrofracta (Graham.)
Siliques strictly reflexed. Rydb.
Among sage brush. As 7975

7978 Alyssum minus (L.) Rothm.
Roadside weed. As 7975

7979 Allium montanum S. var. montanum
Stems several (usually)
from the base. Flowers pure
white. Sagebrush hillside
.5 mi E of Cerro Summit,
off US Hwy 50. Montrose Co.
May 27

Colorado

7980 Thelypodiopsis elegans (Jones) Rydb.
fixed Annual stems reared from the base, curved upward to become nearly erect. Sepals spreading at anthesis. Petal blades pure white. Claw whitish
(15) 1.2 miles W of Cerro Summit. off U S Hwy 50. Abundant on steep hillside. Clay soil Montrose Co. May 27

7981 Descurainia
Sagebrush and juniper Slope. 9.2 miles E of Montrose off Hwy 50. Montrose Co. May 27.

7982 Thelypodiopsis elegans (Jones) Rydb.
fixed Sepals spreading. Gill Cornish. Petal limb pure white. Claw off-white. Clay hill. 1.7 miles E of Montrose, off US Hwy 50. Montrose Co.
(12) May 28

Colorado

7983 Lepidium montanum Nutt.
Densely branched perennial.
Clay. As 7982

7984 Thaspium abbescens M. E. Jones
Probably biennial. Inflorescence
fixed dense, strictly erect. Sepals
reflexed. Sepals and petals light
(10) lemon. Clay hillside. Abundant
0.8 mi N of entrance road to Black
Canyon National Monument,
off US Hwy 50. Montrose Co.
May 28

7985 Thelypodiopsis elegans (Jones) Rydb.
Branches spread from the
base. Sepals widely spreading.
(4) Petal limb pure white. Claw
off white. Scrambling
through shrubs. Clay soil.
Hillside. As 7984.

Colorado

7986 Physaria acutifolia Rydb.
Basal leaves mostly erect, entire. Stems decumbent at base, curving to erect position. As 7984

(4)

7987 Thelypodiopsis juniperorum (Payson) Rydb.
fided Buds purple. Sepals erect during anthesis. Petals brilliant purple. Annual. Steep hillside, piñon-juniper-sagebrush. Red Soil. Abundant. Leaves fleshy. 1.3 mi N of turnoff to Black Canyon National Monument off U.S. Hwy 50. Montrose Co. May 28

(16)

7988 Arabis pulchra Rydb.
Stems penned from below terminal cluster of erect leaves. Pedicels ascending. Siliques ascending. Then arched downward. Steep bank among sagebrush. As 7987.

(7)

Colorado

7989 Camelina microcarpa Andrz.
(H) Petals white. Roadside weed.
As 7987.

7990 Physaria floribunda Rydb.
Leaves tend to be erect, dentate
~~Pedicels~~ to ~~Ent~~ somewhat lobed. Red
~~Secu~~ clay-like soil and rocky
bank. 3.8 miles N of turnoff
(6) to Black Canyon, ab US 50. Montrose Co
Pedicels widely spreading to
recurved
May 28

7991 Alyssum ~~decumbens~~ minus (L.) Rothm.
Roadside weed in loose
soil. As 7990. Flowers
yellow.

7992 Streptanthus cordatus Nutt.
Petals brown. Calyx yellowish,
~~Ellen~~ urn shaped. Basal leaves
(4) toothed. Among pinyon-
juniper woodland. As 7990.

Colorado

7993 Arabis crandallii Robinson
Stems usually several from the base. Caudex simple or branching. Siliques erect, straight. Petals roseate
(16) Rock slide in piñon-juniper woodland. 5.4 miles N of turnoff to Black Canyon, off U.S. Hwy 50, Montrose Co. May 28

7994 Thlypodiopsis juniperorum (Payson) Rydb.
Stems one from the base, usually branched above.
(5) Calyx erect at anthesis. Anthers slightly exserted. Buds deep purple, petals light purple. Siliques with a prominent gynophore. As 7993.

7995 Physaria floribunda Rydb.
Fiped Basal leaves dentate to lobed. Same species as 7990. Location same as
(2) 7993.

Colorado

7996 Arabis ~~colorado~~ lignifera A. Nels.
Petals white. Calyx green.
(2) Siliques widely pendulous.
Ass 7993.

7997 Stanleya ~~elata~~ albescens M.E. Jones
Stems one from the base,
branched from base upwards.
(12) & Sepals and petals lemon
yellow. Siliques curved upward.
Clay flat. Abundant. .6 mi.
southeast of ~~Olathe~~ Olathe, off U.S. Hwy 50,
Montrose Co. May 28

albescens
7998 Stanleya albescens M.E. Jones
Flowers lemon yellow.
Siliques curved upward
Leaves fleshy. mi SE of
(5) Grand Junction. Delta Co.
May 28.

7999 Lepidium montanum Nutt. var. alyssoides (Gray) Tour
Perennial. Stems one or few
Clay soil. Growing in bushes.
(6) Flowers white. mi. SE of
Grand Junction, Delta Co.
May 28

Colorado

79100 Stanleya pinnata var. integrifolia (James) Hall.
Stanleya pinnata (Pursh) Britt.
Stems many from the base.
(12) Sepals reflexed, curved upward.
Buds becoming yellow. Petals
yellow. Leaves entire. Cs
9999

79101 Streptanthus cordatus Nutt.
Siliques flat, ascending. Petals
brown. Rocky knoll. Juniper
(6) area. Off Interstate 70, 5.7 miles
E of the Utah Border. Mesa Co.
May 29

79102 Thelypodiopsis elegans (Jones) Rydb.
Flowers white or rarely
light lavender. Siliques
divaricately ascending.
(10) nearly straight, Sessile
or nearly so ~~Calyx~~ Sepals
ascending. ~~Clay bank~~
whitish clay bank on a
steep hill. Cs 79101.

Colorado / Utah

79103 Arabis pulchra var. pallens Jones
Fls. white. Siliques loosely
descending. Plants with a
long woody foot. Steep
(10) rocky hillside. As 79101.

79104 Eriogonum ovalifolium Nutt.
dense clumps, up to 8"
across. Flowers white.
Rocky and sandy soils
Utah among the junipers. As 79101.

79105 Thelypodiopsis elegans (Jones) Payson
Flowers white. Sepals ascending.
Fruited Siliques divaricately ascending.
In clay bank Rocky hillside.
1.5 mi. N of Westwater. Grand
(5) Co. Utah. May 29

Utah

79106 Thelypodiopsis elegans (Torr.) Jtn
Calyx urn-shaped. Petals
white. Siliques ascending,
straight. Open clay knoll.
(6) 9 mi E of Cisco Exit I-70 11 Grand
Co. Utah. May 29

79107a = T. elegans × divaricata

79107 Thelypodiopsis divaricata (Roll.) Welsh & Reveal
Calyx urn shaped. Flowers
white. Siliques ~~erect~~ ascending to
widely spreading. Clay adobe
rocky knoll-top. 9.9 mi E
of Green River, Grand Co.
(5) Off ~~Interstate 70~~ 50 and 6. May 29.

79108 Thelypodiopsis divaricata (Roll.) Welsh & Reveal
~~Caulanthus divaricatus~~
Calyx urn shaped. Flowers
lemon yellow. Petals small
and oblong. Siliques
(10) divaricately ascending. Plants
divaricately branched
annual. Knoll-top in red clay
rock. Between Green River
and Price, 48 mi. SE of Price,
off US6. Emery Co. Utah
May 29

Utah

79109 Eriogonum bicolor M. E. Jones
Dense, highly branced, deep tap root. Flowers pink to white.
As 79108

Thelypodiopsis divaricata (Roll.) Wats. & Rollins
79110 ~~Caulanthus divaricata~~
Plant divaricately branched.
Siliques straight, ascending.
(1) Calyx urn shaped. Flowers yellowish. High rocky knoll.
45 mi SE of Price, Emery Co.
US 6
May 29

Thelypodiopsis divaricata (Roll.)
79111 ~~Caulanthus divaricatus~~
Annual up to 4 ft high.
Divaricately branched with ascending branches. Calyx ~~lobes~~ erect connivent. Flowers lemon yellow. Siliques loosely erect to widely spreading.
Leaves glushy. 28.8 mi SE
of Price, Emery Co.
Rocky knoll near US 6
May 29

Utah

79112 Physaria grahamii Morton(?)
fixed Stems numerous. Steep
clay bank of roadcut.
(9) 25.2 mi W of Duchesne, Indian Canyon
Duchesne Co. State Rte 33
May 30

79113 Arabis ~~pulchra M.E. Jones var. duchesnensis Rollins~~
Stems single from the base.
Petals pink. Siliques widely
(16) spreading, nearly straight.
Stony hillside in juniper area.
3.8 mi E of Duchesne, Duchesne
Co. May 30.

79113a Arabis lignifera a. nels.
(1)

79114 Arabis pulchra var. pallens
Flowers pendulous at anthesis
Siliques pendulous. Petals
(14) white. As 79113

Utah

79115 Thelypodiopsis elegans (Torr.) Rydb.
Calyx urn-shaped. Petals white
Under junipers. As 79113

(1)

Streptanthella (Wats.)
79116 ~~Caulanthus~~ longirostris Rydb.
delicate Annual. Siliques straight,
(17) widely spreading to pendant.
Petals yellowish. As 79113.

79117 Arabis ~~divaricarpa~~ perennans S. Wats
~~var. typica~~
Stems spread from below
(1) terminal leaf cluster. Siliques
widely spreading, slightly
curved. Petals purplish
As 79113.

Utah

79118 (6) Thelypodiopsis elegans (Jones) Rydb. Flowers white. Siliques widely spreading to ascending. Steep hillside below Cap rock. 2.4 miles SW of Vernal, off US 40. ~~Duchesne~~ Uintah Co. May 30

79119 fitted 8 Caulanthus crassicaulis (Torr.) S. Wats. Biennial. Petals brown tinged with white. Stems inflated. As 79118

79120 (10) Physaria acutifolia Rydb. Stems erect. Siliques inflated As 79118

79121 (9) Thelypodiopsis elegans (Jones) Rydb. Calyx erect, urn-shaped. Petals white to very light lavender. Siliques spreading almost horizontally. Bluff above Willow Creek, 11 mi S of Ouray, Uintah Co, Utah. May 31

79122 ~~Eriogonum~~ Eriogonaceae
~~Eriogo~~ Thelypodium 21
flowers yellow. Sepals
ascending. Perennial. Stems
several to numerous from
an underground root. Shale
area SW of Willow Creek,
about 26 miles south of Ouray,
Uintah County. May 31

79123 Thelypodiopsis elegans (Jones) Rydb.
Calyx urn shaped. Purplish
petals very light lavender.
Siliques ascending to
somewhat arched downward.
(6) Cfs 79122

79124 Cryptanthe grahamii Johnston
Stems several to numerous
(7) from a clump. Fls. White
Shaley knoll. As 79122

UTAH

79125 Parthenium ligulatum
Ligules white. Dense tufts
with a deep tap root.
As 79122

79126 Physaria acutifolia Rydb.
Stems erect. Pedicels erect. Petals
not spreading - Shealey Steep slope
(6) E side of Big Pack Mt. W of ~~Spring~~ Willow
Creek, Uintah Co. May 31, 1979

79127 Eriogonum
Stems single from the base.
As 79126

79128 Cryptanthe rollinsii Johnston
Limb white, tube yellowish
Leaves prickley. Shale
(10) knoll-top. Big Pack Mountain
As 79126.

Utah

79129 Physaria acutifolia Rydb.
Stems erect, sepals persistent, juniper-sagebrush area, 18 miles south of Ouray, Uintah County, May 31
(2)

79130 Glaucocarpum suffrutescens (Rdl.) Rollins
Petals yellowish. Erect. Stems numerous from the base. Decomposed clip rock. Just northeast of Big Pack Mountain, between Willow Creek and Hill Creek. Uintah County. June 1, 1979. Deep root.
Xtped
(20)

79131 Arabis selbyi Rydb
~~Calyx~~ Stems central from beneath a terminal tuft of leaves. Siliques loosely ascending. Calyx purplish, petals light purplish. Red sail, steep hillside among junipers. Off Utah Hwy 44, 11 miles N of Vernal, Uintah Co. Utah. June 2, 1979
(8)
~~Off Utah Hwy~~

Utah

79132 — Physaria acutifolia Rydb.
Stems erect. Sepals persistant.
(4) As 79131

79133 Arabis pulchra var pallens
Stems single or few from a woody foot. Petals white or purple. Siliques loosely reflexed. As 79131.
(4)

79134 Arabis ~~fendleri~~ perennans S. Wats. ~~(S. Wats.) Anders~~ ~~var.~~ ~~Spatifolia~~ ?
Stems several arising below terminal tuft of leaves. Siliques ~~&~~ widely spreading slightly arched downward. Petals purple. Open spaces between junipers. Off Utah
(9) 15,8 Hwy 44, ~~[illegible]~~ miles NE of Vernal, Uintah Co. Utah.
June 7, 1979

79135 Arabis ~~[illegible]~~ Utah pendulina Greene ?
Similar to #79134 but with shorter more descending straighter siliques. Coarser pubescence. As 79134.
(3)

79136 Arabis holboellii var. retrofracta
Siliques reflexed, nearly straight. Same locality &c 79134.
(5)

79137 Arabis ~~decurrens~~ pendulina Greene
Stems several, arising below Terminal tuft of leaves. Siliques loosely pendulous. Petals white. Stony slope with Sagebrush and Junipers. ~~Off~~ Near upper limit of Junipers. Off Utah Hwy 44, 17.1 mi. N ~~of~~ of Vernal. Uintah Co. June 2.
(18)

79138 Arabis lignifera a. nels.
Stems few arising below Terminal leaf Cluster. Petals purple. Siliques arched downward, widely spreading. As 79137.
(3)

Utah

79139 Lesquerella subumbellata Roll.
(14) Dense clumps in stony soil. Sparse stand of sagebrush. Inflorescences very dense, not elongated. As 79137.

79140 Phlox acuminata Pursh.
first (3) Basal leaves entire. Thick caudex. Stems decumbent. Off Utah Hwy 44, red soil, steep bank 18.5 miles NE of Vernal, Uintah Co. June 2

79141 Arabis divaricarpa A. Nels.
(7) Stems single. Flowers purplish. Loosely pendulous. Growing in the vicinity of #79142 and 79143. Open pine forest with sparse sagebrush. Off Utah Hwy 44. 26 miles S of Manila. Daggett Co. June 2

— var. pendulocarpa (A. Nels.) Roll.

79142 Arabis holboellii (Hornem.)
(10) Stems single or several from the base. Flowers lavender. Siliques loosely pendulous. Growing in the vicinity of #79141 and 79143

Utah

79143 Arabis drummondii Gray
Stems single from the base. Fls. erect. Petals white or occasionally purplish. Growing in the vicinity of 79141 and 79142.
(3)

79144 Phlox ~~austrina~~ acutifolia Rydb.
Stems decumbent. Pinyon-juniper hillside about 1 mi S of Flaming Gorge Dam, Daggett Co, Utah. June 2, 1979
(2)

79145 Lesquerella ~~alpina~~ parvula Greene
Clumps 2-4" across. Fls. erect Infl
Inflorescences elongated. Basal leaves linear. Reddish soil Pinyon-juniper area. 10.5 miles S. of Manila, Daggett Co. June 2
(9)

79146 Draba pectinipila Rollins
Fls. yellow. Dense tufts 2-3" across. Fruits erect. As 79145.
(14)

Utah / Wyoming

79147 Streptanthus cordatus Nutt.
Fifed ③ Stems one to several. Under juniper. As 79145.

79148 Arabis ~~holboellii var.~~ lignifera A. Nels.
Siliques pendulous. As 79145.

Wyoming

79149 Arabis lignifera A. Nels.
Plants purplish. Siliques loosely pendulous. Sage brush-growing up thru it.
① Open flat. 3 mi. W. of Green River, Sweetwater Co. Wyoming
June 2, 1979

79150 Thelypodiopsis ~~wyomingensis~~ elegans (Jones) Rydb.
Stems one or several from base. ~~Calyx~~ Calyx urn-shaped, white to purplish, Petals white to purplish.
(18) Siliques spreading at right angles to rachis to ascending or slightly recurved, somewhat ~~flexuous~~ wavy, rarely straight. Abundant on clayline outcrop steep hillside, just outside Green River southern boundary on

Wyoming

Wyoming 530. Sweetwater Co.
June 3, 1979

79151 Physaria acutifolia Rydb.
Stems ascending, several to numerous. Steep clayline slope below cap rock. Just west of Green River, near the edge of the city. Sweetwater Co.
June 3, 1979
(5)

79152 Physaria acutifolia Rydb.
Stems numerous arising below central tuft of leaves
(3) Cinder not greatly enlarged. Clay like soil. 6 mi. E of Lyman, Uinta Co. June 3

79153 Streptanthella longirostris (Wats.) Rydb.
Bud cluster purple - Petals yellowish. Siliques strictly
(4) reflexed. Plants fleshy. Sand dune area among Sagebrush. 2 mi. E of Lyman, Uinta Co.
June 3

Wyoming

79154 Arabis Cobrensis M.E. Jones
Basal leaves erect. Stems numerous. Flowers minute. Petals white. Siliques pendulous. Sand dunes among Sagebrush. 2 mi. E of Lynnan. Uinta Co.
(11)
June 3, 1979

79155 Stanleya ~~bipinnata~~ pinnata (Pursh) Britt. var. gibbersa Roll.
Stems ~~numerous~~ numerous from deep root, branched. Flowers deep orange-yellow. Seleniferous soil on a steep slope. Bluffs of Blacks Fork River, 1 mile W. of Fort Bridger, Uinta Co. Wyo.
(6)
June 3, 1979

79156 Arabis lignifera a. nels.
Stems one or several from the base. Siliques arched downward. Juniper Sagebrush area. 3 miles W. of Ft. Bridger Uinta Co.
(4)
June 3

Wyoming

79157 Arabis Holboellii var. retrofracta
Stems single from the base.
Siliques strictly reflexed.
Same as 79156.

Utah

79158 Lesquerella utahensis Rydb.
Stems prostrate. Siliques
accuminate. Off Utah
Route 150 near Wasatch
Ranger Station, 9.7 miles
West of the Utah/Wyoming border.
Summit Co, Utah. June 4, 1979
46 mi E of Kamas. Growing in gravel
fixed
(7)

79159 Physaria acutifolia Rydb.
Fruits arqueate with a
deep upper sinus. Stems
numerous. Steep bank in
loose talus. 4 mi. E of
Kamas, ~~Duch~~ off Rte 150,
Duchesne Co, Utah
June 4
(7)

Utah

79160 Conringia orientalis (L.) Dumort.
Petals white. Clay hillside.
Between Levan and Gunnison,
(5) Juab Co. June 5, 1979

79161 Thelypodiopsis elegans (Jones) Rydb.
Stems several from the
base. Sepals spreading at
(15) anthesis Petals white.
Siliques tortuous, ascending.
Clay soil. About 2± mile E of
Aurora ~~Salina~~. Sanpete Co. June 5

79162 Physaria chambersii Rollins.
Stems decumbent. Siliques
highly inflated. Ovt first
(9) yellowish turning reddish
as maturity proceeds.
Clay ~~to~~ derived from
gypsum. Hillside. Occ
3 air lines 2.99 ~~2~~ miles E of ~~Salina~~ Aurora
Sanpete Co. June 5

Utah

79163 Physaria chambersii Rollins
Stems prostrate. Siliques angular, highly inflated. (7) Steep rocky marine margin ~~[illegible]~~. Among junipers W of Hwy 89, about 11 miles S of Manysvale, Piute Co. Utah June 5

Heller (Wats.)

79164 Lesquerella intermedia
Stems erect, numerous Plants in tufts - 1 to 4 inches across. Siliques ascending, ~~to~~ Pedicels divaricate to slightly pignoid. Sandy soil among sagebrush and on pure gypsum. (15) Off U.S. 89, 13.8 miles N of Panguitch, Garfield Co. June 5

Utah

79165 [Astragalus] Oxytropis oreophila A. Gray
Fls. purple, fading blue.
Fruits ascending. Clumps
up to 8" across. Growing on
pure gypsum. Hills. As
7916[illegible]

Det. Rupert Barneby

79166 Lesquerella intermedia (Wats.) Heller
(4) Sepitore. Clumps up to
Typed 4" across. Stems erect
Leaves harsh to the touch
Stony hill. Off U.S. 89, 11.2 miles N of
Panguitch, Garfield Co.

June 5

79167 Physaria lepidota Rydb.
~~Stanleyella Rydb.~~
var. membranacea Rydb.
Stems several to numerous
(3) erect, Siliques angled.
Inflated at maturity
Canyon 2 mi. E of jct. of Rts. 12 and
(5) 63. . east of Bryce
Canyon. Garfield Co.

June 6

Utah

79168 Caulanthus crassicaulis (Torr.) S. Wats.
Basal leaves pinnatifid to 2-3 pinnatifid, lobed, ascending. Petals brownish. Siliques terete, erect. Cloyidae Sail among junipers. ½ mile SE of Tropic Garfield Co. June 6
(9)

79169 Lesquerella ludoviciana (Nutt.) Wats.
Cruciferae arising below a tuft of ~~leaves~~ terminal leaves. Pedicels sigmoid, at right angles to rachis. Gravelly hillside among junipers. 1 mile S of Cannonville, Garfield Co. June 6
(14)

79170 Arabis selbyi Nigell
Stems several arising below a terminal tuft of leaves. Pedicels ascending. Siliques ascending, slightly curved outward. Same as 79169.
(7)

Utah

79171 Arabis pendulina Greene
(8) Stems several arising below a terminal tuft of ~~basal~~ leaves Somewhat decumbent. Siliques loosely pendulous. As 79169

79172 Arabis pendulina Greene
Petals pinkish. Siliques loosely pendulous. Rocky flat, with low Sagebrush
(11) .5 mile W of junction of routes 63 and 12. Garfield Co - Between Bryce Canyon and Red Canyon
June 6, 1979

79173 Draba subalpina Goodman & Hitchcock
Small clumps. Stems one or few. Siliques ascending
(3) Petals white. Red or white Claytie hillside sparsely covered with pine and juniper About 2 mi. W of Bryce Canyon Airport, Garfield Co.
June 6

Utah

79174 Lesquerella rubicundula
Plants barely above ground
Growing with 79173 and
(1) 79176.

79175 Arabis holbellii Hornem. var. pinetorum (Tides.) Roll.
Siliques loosely pendulous.
Stems one or two from base.
(3) Sage brush area - about 2
mi W of Bryce Canyon airport
Garfield Co. June 6

79176 Physaria lepidota Rollins var. membranacea Rollins
Basal leaves ascending, lanceolate
entire or rarely few-toothed.
Fr ped Stems numerous, erect. Flowers
yellow. Pedicels widely spreading.
(15) Usually in small clumps but
occasional plants up to 4" in
diam. Red or white clay like
hillside sparsely covered with
pines and junipers. About 2 mi.
W of Bryce Canyon airport.
Garfield Co June 6

Utah

79177 Lesquerella intermedia (Wats.) Heller
Trfted Stems several from a
(3) branching caudex. Trifted.
As 79176.

79178 Lesquerella rubicundula Rdl.
plants from a single rosette to
a multicipital branching caudex
with several flowering stems.
(16) steep chip-rock slide, red
clay-like soil. Cabin Hollow,
about 1 mile down from
summit in Red Canyon,
between Panguitch and Bryce
Canyon, Garfield County
June 6

79179 Arabis Holboellii var.
pinetorum
Stems single from the base,
branched above. Petals lavender,
Corolla not opening. Siliques loosely
1 pendulous. Near large cedar
(4) Chip rock, red clay soil. 22.5
miles S of Panguitch, off U.S. 89,
Garfield Co.
June 7

Utah

79180 Lesquerella rubicundula Roll.
Clumps one to five inches across.
Stems numerous from a buried
(16) branching caudex. Siliques erect.
reddish. Clay rock and red
clay soil. Knolls in juniper
area. As 79179. Abundant.

79181 Arabis Fendleri (S. Wats.) Greene
Stems several from below a
(7) terminal tuft of leaves.
Siliques widely spreading and
arching downward. Sandy soil,
among junipers. 8 miles N of
Jct of 89 and 14, Kane Co.
June 7

79182 Arabis holboellii Hornem. var. pinetorum
Stems single on a woody foot.
Siliques pendulous. Same as
79181.

Utah

79183 Arabis selbyi Rydb.
Stems several from below a terminal cluster of leaves. Siliques ascending, slightly arched outward. Ass 79181

(8)

79184 Physaria lepidota Rollins
fixed
Basal leaves erect, spatulate entire. Stems erect. No terminal cluster of leaves present. Shale like rocky outcrops in piñon-juniper-oak woodland. Ass 79181.

(8)

79185 Physaria lepidota Rollins
Stems several to many, strictly erect. Basal leaves erect, broadly spatulate entire. Siliques angled. 1 mile E of 0589 on road to Alton, Kane Co.
June 7

(2)

Arizona

79186 Lesquerella arizonica Wats.
Caespitose clumps up to 4" in diameter. Siliques erect.
(10) Gravel at the edge of juniper area 17.1 miles S of Fredonia. Coconino Co. June 8

79187 Arabis perennans S. Wats.
Stems several, arising below terminal fascicle of leaves. Siliques widely spreading, slightly arched downward.
(12) Gravelly soil in pinon-juniper area 18.2 miles S of Fredonia, Coconino Co. June 8

79188 Arabis pendulina Greene
Stems several arising below terminal tuft of leaves. Siliques
(1) pleat, pendulous. Under pinon tree, 22 miles S. of Fredonia, Coconino Co - between Fredonia and Jacob Lake.
June 8

Arizona

79189 Fixed (8) Lesquerella arizonica Wats. Plants caespitose with a loosely branched caudex when under pinon trees - Plants condensed on open gravel. Petals spreading at right angles at full anthesis. Calyx lakes erect. As 79188.

79190 Fixed (17) Arabis ~~Boreipes~~ gracilipes Rydb. Stems one, seldom two, from the base. Petals white, barely exceeding calyx. Pedicels widely spreading. Siliques loosely pendulous. Cauline leaves crowded. Open Pinus ponderosa forest. Granitic soil. 6.2 miles north of Jacob Lake. Alt. Rte 89 Coconino Co. June 5

Arizona

79191 Lesquerella kaibabensis sp. nov.
Fitch
Decumbent branches arising below terminal flat rosette of leaves. Calyx purplish, petals white. Siliques numerous, somewhat keeled when young. Limey clay on knolls with whitish rock. Open parklike meadow area, 18.6 miles S of Jacob Lake on road to Grand Canyon. Coconino Co. June 8
(20)

79192 Lesquerella arizonica Wats.
Stems numerous from clumps up to 6" in dia. Petals unguiculate. Abundant on horizontally bedded limestone, about 5 miles E of Jacob Lake. Pinyon-juniper area. Coconino Co. June 8
(10)

79193 Lesquerella cinerea Watson
Inflorescence terminating the plant. Pedicels widely spreading to ascending, nearly straight. Siliques erect, slightly compressed parallel to septum. Steep red clay
(16)

Arizona

Canyon wall. Juniper-Cupressus area. 3 miles E of Sedona. Coconino Co. June 9

79194 (3) Arabis perennans S. Wats. Stems numerous from below terminal cluster of leaves. Siliques widely spreading, slightly curved. As 79193.

79195 (4) Lesquerella cinerea S. Wats. Flowers yellow. Siliques not compressed. Gypsum knoll, 1/4 mile N of the Verde River, about 6 miles NE of Cottonwood. Yavapai Co. June 9

79196 (3) Arabis fendleri (S. Wats.) Greene Pedicels and siliques widely spreading. Siliques slightly arched downward. Duff of pine forest. 4.7 mi. W of Williams off Devil Dog Road, Coconino Co June 9

Arizona

79197 Physaria newberryi Gray
Perennial with yellow flowers.
Fruiting branches rising below
a terminal rosette of ascending,
entire leaves. Siliques 4 angled
(9) with a V-shaped sinus above
and no sinus below. Growing in
volcanic ash. Abundant. Sunset
Crater area, about 14 miles N
of Flagstaff, Coconino Co. June 9
Siliques inflated.

Utah

79198 Physaria ~~chamberlinii Rollins~~ lepidota Rollins
Branches arising below terminal
fascicle of leaves. Leaves entire
Flowers yellow. Siliques 4 angled
(14) apical sinus closed. Steep ~~rocky~~
clay rock slide. 1/4 mile W of
junction of Utah 15 and US 89.
Between Kanab and Zion Nat'l
Park. 20 miles E of Zion Nat'l
Park. Kane Co.

June 10

Utah

79199 Eriogonum fasciculatum var. polifolium Benth.
Shrub up to 3 ft. in dia. Fls. flesh Colored. Rocky hillside. Snow Canyon, 1/2 mi. N of St. George Washington Co. Q2 June 11
(7)

79200 Stanleya pinnata var. pinnata (Pursh) Britt.
Woody, stems few. Siliques widely spreading, ascending downward. As 79199.
(3)

79201 Arabis holbellii var. pinetorum (Tides.) Holl. Hornem.
Stems one or few from below a terminal fascicle of leaves. Siliques ~~to~~ loosely pendulous. Plants turning purplish as they mature. Sagebrush-juniper area 29 mi. N. of St. George on the road to Enterprise. Washington Co. June 11
(5)

Utah

79202 Physaria chambersii Roll.
Stems decumbent, arising below a terminal rosette of leaves. Siliques inflated, 4-angled. Upper sinus closed. Red clay slope in juniper-oak area. 32 miles N of St. George. off State Route 18, toward Mountain Meadows. Washington Co.
(9) June 11
(Brake.) Rydb.

79203 Arabis holboellii Hornem. var. retrofracta
Stems single. branched above. Siliques strictly reflexed. Pedicels not geniculate. Sage-brush-juniper area. Cf 79202
(4)

79204 Physaria chambersii Roll.
Stems decumbent. arising below terminal rosette of broadly spatulate to obovate leaves. Siliques 4-angled, apical sinus V-shaped & closed. Road cut in sagebrush-juniper area, 38.5 miles ~~S~~ N of ~~Enterprise~~ St. George. Washington Co
(6) June 11
on road to Enterprise,

Nevada

79205 Phyparia chamberiii Roll.
Stems ascending from beneath a terminal rosette of leaves. Seligues 4-angled. Apical series broadly V-shaped. Juniper-Sagebrush area. 17 miles E of Panaca, Lincoln Co. June 17
(2)

79206 Eriogonum holmgreniii Reveal
Clumps up to 1 ft. in dia. Flo. sulphur yellow. Same as 79205

Orobanche fasciculata Nutt.
79207 [Hyppopitys]
Parasite under juniper and near sagebrush. Flowers and stems deep purple. Same as 79205.
(1)

Nevada

79208 Physaria chambersii Rollins
Stems decumbent, arising below rosette of obovate entire leaves. Siliques 4-angled. Sinus (upper) V-shaped
(2) Juniper area. 82.2 mi. S. of Ely. Lincoln Co.
June 11

79209 Caulanthus crassicaulis
Fruited Stems single from a basal rosette, unwinged. Petals brownish. Sagebrush-juniper
(4) area in whitish clay-like soil. Off US Route 50, 22 miles W of ~~Eureka~~ ELY, White Pine Co.
June 12

79210 Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.
Siliques strictly reflexed. Pedicels geniculate. Cf
(4) 79209

Nevada

79211 Physaria chamberlinii Rollins.
Stems decumbent, arising below terminal tuft of leaves. Siliques 4-angled. ~~Sinus~~ Upper sinus closed. As 79209.
(3)

var. subvillosa (Wats.) Roll.
79212 Arabis sparsiflora Nutt?
Stems single from the base. Pedicels and siliques widely spreading. Siliques arched downward. Steep hillside with sagebrush and juniper. ~~23~~ 35.7 mi E of Eureka, White Pine Co. June 12
(6)

79213 Streptanthus cordatus Nutt. (?)
Perennial. Stems one to several from the base. Calyx yellow tinged purplish. Petals brownish-purple. Steep, ~~stony~~ shaded chip rock slope. As 79212.
(5)

79214 ~~Stanleya~~ Brassica elongata Ehrh.
Deep rooted perennial. Roadside weed. Highly branched with branches diverging at nearly right angles from main axis. Buds and flrs. bright yellow. 36.6 mi E of Eureka, White Pine Co. June 12

Nevada

79215 ~~Sisymbrium~~ Brassica elongata Ehrh. Perennial roadside weed. Hgtly branched. Branches widely spreading to ascending. Fls. yellow. Plant fleshy. 12.1 mi E of Eureka, White Pine Co. June 12

79216 ~~Sisymbrium~~ Brassica elongata Ehrh. Stems several from base. Buds yellow, fls. orange-yellow. Roadside weed. 26.6 mi. W of Eureka, ~~White~~ Eureka Co. June 12

79217 ~~Descurainia~~ Lepidium nanum S. Wats Dense caespitose, deep-rooted, highly branched below soil, forming tight dense clumps up to 8" in diameter. Swarming with small dipterids Gypsum Knolls. Same as 79216

(10)

Nevada

79218 Thelypodium
fixed Stems usually single from an erect tuft of basal leaves. Flowers white, Pedicels widely spreading to divaricately ascending. Siliques erect. Growing in bushes of Sage-brush and Chrysothamnus. Sandy soil, pinyon-juniper Area. 25.2 miles E of Austin, Lander Co. June 12

(15)

var. sparsiflora

79219 Arabis sparsiflora Nutt.
Caudex branched with several clusters of terminal leaves. Stems one to several. Pedicels spreading at right angles to rachis. Siliques strongly arched downward In the shade of pinyon, Sagebrush-juniper-pinyon association. 10 miles E of Austin, Lander Co. June 12

(2)

Nevada

79220 Arabis fruticulosa Nutt.
Stems single from the base usually unbranched. Siliques strictly reflexed. Sagebrush hillside. Growing in the vicinity of #79221. Same as 79219
(6)

79221 Arabis holboellii var. retrofracta
Stems single from the base often branched above. Siliques strictly reflexed. Growing in the vicinity of #79220. Same as 79219. Lander County

79222 Lesquerella kingii Wats.
Stems prostrate, Siliques depressed, subglobose. Pedicels rigmoid. Sage brush, Mountain Mahogany area. Western slope of the Toyabe Mountains, W. of Ophir Summit. June 13
(1)

Nye County

Nevada

79223 Arabis platysticea Rollins
Perennial, with a woody root. Stems one or two. Basal leaves erect. Siliques pendulous. Petals light lavender. Rocky ridge crest about 2 miles W of Ophir Summit, Toiyabe Mountains.
Nye County June 13

(12)

79224 Arabis fernaldiana Rollins
Plants caespitose. Clumps up to 4" across. Sepal tips and petals mixed purple. Siliques ascending, straight. Crevices of rocks.
As 79223 var. stylosa (Wats.) Roll.

(23)

79225 Arabis holboellii Hornem. var. pendulocarpa (a. Nels.) Roll.
Stems single or few. Siliques pendulous. Among sparse low sagebrush. As 79223

(12)

Nevada

79226 Phoenicaulis cheiranthoides Nutt.
Caudex branched. Stems decumbent
arising below terminal cluster
(10) of leaves. Sepals and petals deep
purple. Siliques at right angles
to rachis. Cs 79223
Nye County June 13

79227 Lesquerella kingii Wats.
Perennial. Stems prostrate
arising below flattish rosette.
(8) Siliques depressed, nut-globose
Rocky open ridge among
dwarfed Sagebrush. One-half
mile W of Ophir Summit,
Toiyabe ~~Forest~~ Mountains June 13

79228 Draba densifolia Nutt
Dense clumps up to 4" across.
Percushion type. Flowers yellow
Near rocks and low sagebrush.
(8) Cs 79227

Nevada

79229 ~~Smelo castoria~~ Smelowskia holmgrenii — Simple or branched caudex thickened by old leaf bases. Stems 1 to several from each clump. Lvs. greenish, ~~erect~~ mostly basal. Petals unguiculate white or sometimes light purple. Siliques ~~erect~~. Crevices & igneous rocks. Near Ophir summit. Toiyabe Mts - June 13

79230 Arabis ~~retrofracta~~ holboellii Hornem. var. pendulocarpa (A. Nels.) Roll. T13N, R41E

(3) Stems one or few. Petals light purple. Siliques pendulous. Near rocks. As 79229

79231 Arabis ~~fernaldiana~~ ophira Roll. n. sp. ?

(2) Stems one or several. Open rocky area and occasionally in rock crevices. Petals light purple to dark purple. Siliques ascending. (May be more than one thing present in collection) As 79229.

79231a Arabis ophira Roll. var. stylosa (Wats.) Rollins

(3)

Nevada

7923+ Draba Type. *densifolia* Nutt.
Pricushion. Open spots between
dwarfed pachistima. Steep
(4) hillside. As 79229.

79233 Draba *oligosperma* Hook.
Pricushion type. Open white
(4) granitic ridge tops. As 79229

79234 Arabis *drummondi* × *holbellii* var. *retrospecta* (?)
(*devariarpa*).
Stems single. Petals lilac
& flowers pendant. Siliques
loosely reflexed. Near aspen
grove west of Ophir Pass,
about 1/2 way down the road
on the west side of the
Toiyabe Mountains, towards
Reese River. Nye Co.
June 13

Nevada

79235 Arabis drummondii Gray. Stems one or several. Flowers erect. Petals white. Siliques erect. As 79237.

(4)

79236 Arabis pulchra Nutt. Stems purple from the base except where injury occurs. Branched above. Siliques strictly reflexed. Pinyon-juniper area. 1 mi E of Lone Summit. Nye Co. June 13

(5)

79237 Prepared chamberii Roll. Siliques 4-angled. Apical sinus very broad. Stems arising from below the mid leaves decumbent. Strip Chip rock slide. Pinyon-juniper area. 1 mi. W. of Lone Summit, E of Lone, Nye Co. June 13

(3)

Nevada

79238 Stanleya elata M. E. Jones
Stems one to several from a
woody branching base. Common
on rocky knoll off US Hwy
50, 31.6 mile E of Fallon
Churchill Co. June 13

79239 Caulanthus pilosus S. Wats.
Basal leaves pennatifid,
dried up. Pedicels and siliques
widely spreading. As 79238

79240 Arabis asterophora payson
densely caespitose, clumps up to
8 inches in diameter, fls. intense
yellow, decomposed granite,
just north of Mt. Rose highway
summit, Washoe Co., June 14.
with M. Williams & A. Theim.

Numbers 79240 thru 79254
were with Margaret Williams
and Reinard Theim.

Nevada.

79241 Arabis platysperma var. howellii perennial, flr. erect, petals slightly lavender, not showy, unguiculate but flaring.

June 14

as 79240

79242 Caulanthus barnebyi Rollins & P. Holmgren perennial, stems one to several from a woody base, up to 1 meter tall, leaves entire, glaucous, stems glaucous, pedicels divaricately ascending siliques ascending to widely spreading, straight or uneven, steep slope and cliff crevices of igneous rocks, mostly in shade below rock cliffs. South end of Black Rock Range, Humboldt Co. June 15th

T37E, R26E ca. 4,800 ft.

79243 Arabis pubernula Nutt. Specimen past - sagebrush area. as 79242

(3)

T37N, R26E
about 11 air miles south of the Pinto Meadows Ranch

With Tidestrom & Williams Nevada

7924 Stanleya pinnata (Pursh) Britt.
bas. pinnt, sagebrush-greasewood
area, 1.2 miles north of windmill,
(1) about 10 miles south of Pinte Meadows
Ranch, Humboldt Co. June 15

7925 Thelypodium milleflorum Nelson
Stems single from base, hollow, purplish
and glaucous, inflorescence up to 4 ft.
long, stems up to 8 ft. tall, fls.
(6) white, siliques ascending to somewhat
spreading, straight to tent, very
abundant in sandy area, 2.4 miles
north of windmill. July 15
about 9 miles south of Pinte Meadows Ranch.
June 16

7926 Arabis holboellii var retrofracta
Stems single from base, simple
or branched above, siliques strictly
reflexed, steep sagebrush hillside,
(4) Jackson Mountains, road to
Iron King Mine, Humboldt County
T40, R32E, Sec. 31 June 15th
ca 6,900 ft.

Nevada

79248 Arabis sparsiflora Nutt. var. sparsiflora
Stems reveal from base, siliques
ascending - arcuate, steep bank
in sagebrush area. road to Iron
King Mine, Jackson Mts.,
as 79246
Humboldt Co., June 15

(10)

79247 Arabis pulchrula Nutt.
Stems single from base, fls.
purplish, sagebrush area.
as 79247

(8)

79249 Camissonia andina
Fls. yellow
as 79247

With Tidestrom & Williams

Nevada

79250 Arabis fernaldiana Roll., var. stylosa (Wats.) Roll.
Caespitose, clumps up to 6 inches across, calyx purplish, petals light purplish, siliques erect, becoming purplish; rocky steep slope, igneous rocks, above Iron King mine, about 8,600 ft., Jackson Wats. Range, Humboldt Co. ridge NE of Iron King mine.
Humboldt County T40N, R32E. Sec. 29
June 15, 79

(10)

79251 Arabis ~~spanoflora~~ Nutt. var. subvillosa (Wats.) Roll.
petals lilac, stems one or several, as 79250

(1)

79252 ~~Phoenicaulis~~ Phoenicaulis
Rocky igneous area
as 79250

(3)

June 15

Nevada

79253 (2) Lesquerella kingii Wats.
Among sagebrush, stem prostrate, siliques depressed globose - as 79250

79254 (7) Caulanthus pilosus S. Wats.
Biennial, siliques divaricately ascending, open sagebrush area 5.4 air miles south of DeLong Ranch, Humboldt Co - E. of Jackson mts. June 15,

=

79255 Caulanthus glaber (Jones) Rydb. n. sp.?
perennial, stems one to few from a simple or branched base, basal leaves erect or ascending, glaucous, cauline leaves petiolate, much reduced, buds ~~and calyx~~ greenish becoming bright purple, sepals bright purple, petals purple-edged with white, flr. erect
Crevices of decomposed rhyolite (granite) and basal massive rock outcrops South of Hinkey Summit, Santa Rosa Range, east side of Sec. 26 and west side of Sec. 25, T44N, R39E. 7,900 to 8000 ft. alt. Humboldt County, June 16

Fitzed (9)

Michael and many Yoder-Williams #79255 - 79264 + melleuime

Nevada

79256 Thelypodium laciniatum (Hook.) Endl.
Fls. white, shade of cliffs
Fixed

(1)

79257 Streptanthus davidsonii Greene
Caespitose. Clumps up to 6" in diameter.
Old leaf bases forming a thick caudex.
Stems several to numerous. Fls erect.
(22) Sepals green. Petals white to purplish.
Pedicels divaricately ascending. Silique
nearly straight, divaricately ascending
Crevices of
large rock outcrops. Rocks of
79258 Barbarea orthoceras Ledeb.
Fls. yellow, wet seep from cliff.

(2)

Nevada

79259 Arabis microphylla Nutt.

The following Arabis collections need careful examination. They were all collected in the same area. Some in rock crevices, others on soil near cliffs; the variation seemed considerable but could not be established in the field.

(13)

79260 Arabis put with 79259

79261 Arabis microphylla ?

put with 79259

Nevada

79262 Arabis holboellii Hornem. var. pendulocarpa (A. Nels.) Roll.

siliques pendulous

(1)

79263 Arabis holboellii var pinetorum

siliques pendulous, mostly among sagebrush

79263a A. pulsenda Nutt. x A. holboellii var pinetorum ?

79264 Arabis sparsiflora Nutt.

Fls. white var. sparsiflora

(5)

Nevada

79265 Lepidium nanum
Hemispherical punctiform cyp to 10" in dia Fls. yellowish: Reddish Sandy loam soil above roadcut, near US Hwy 93, between Thousand Springs and Jackpot, 39 mi. S. of Jackpot Elko Co. June 18

79266 Stanleya pinnata (Pursh) Britt. var. pinnata
Stems numerous from a woody base. Buds insect attached.
Fixed (7)
Near U S. Hwy 93, between Thousand Springs and Jackpot. 29 mi. S. of Jackpot, Elko Co. June 18

79267 Arabis Holboellii Jones
Stems reared from a branching Caudex. Siliqua pendulous, slightly arched inward. In crevices of rocks, rocky area on ~~a high~~ slope. ~~Ties~~ of a ~~79266~~ high ridge. As 79266.
(16)

Nevada

79268 Arabis pubernula Nutt.
Stems one or two. Siliques
strictly reflexed. Among sagebrush.
Open slope of high ridge.
As 79266.

79269 Arabis sparsiflora Nutt. var. sparsiflora
Stems several. Siliques
ascending, arched outward.
As 79265.

(1)

79270 Descurainia pinnata ssp. parvula
Abundant in sparse stand of
sagebrush. Lower slope of
high ridge. As 79269.

Nevada

79271 Arabis spectanflora var. subvillosa (Wats.) Roll.
Nutt
Stems several from a branching caudex. Siliques arcuate. Among sagebrush and near granitic boulders. Near Little Salmon River, off U.S. Hwy 93, 16.5 mi. S. of Jackpot. Elko Co. June 18
(4)

79272 Caulanthus crassicaulis (Torr.) S. Wats.
Stems one or few. Buds and calyx densely pubescent. Petals purplish. Siliques divaricately descending. Crevices of granitic rocks. Same as 79271.
(3)

79273 Arabis perennidiana Roll.
Densely caespitose with clumps up to 8" in diameter. Siliques divaricately ascending to erect. Slide of granitic boulders. Same as 79211.
(8)

Nevada

79274 Arabis pulchrula Nutt.
Stems single unless primary stem injured. Siliques strictly reflexed. Open areas among sagebrush. As 79271.
(8)

79275 Thelypodium laciniatum (Hook.) Endl.
Stems single from the base. Widely branched above. Flowers white. Siliques widely spreading to slightly descending. Cracks of basaltic cliffs. Near Little Salmon River. 2.9 miles S. of Jackpot Elko Co. June 18
fixed
(6)

Idaho

79276 Arabis puffrutescens Wats
Woody at base. Stems one or few Siliques strictly reflexed. Steep rocky hillside with sagebrush and Symphoricarpos. 7.3 mi. N of Ketchum, Blaine Co. June 19
(18)

Idaho

79277 Arabis sparsiflora Nutt.
Siliques mildly arcuate.
Ca 79276
(8)
var. subvillosa (Wats.) Roll.

(Brah.) Rydb.
79278 Arabis holboellii Hornem. var retrofracta
Siliques strictly reflexed.
(1) Ca 79276.

79279 Arabis suffruticosens Wats.
Stems one to several from a
woody base. Flowers nodding
Calyx pubby. Petals purple. barely
(8) exceeding calyx. erect. Dip rock
& Soil of steep slope. Metamorphosed
sqiceous rock. Road toward Galena
~~79280 Arabis holboellii var retrofracta~~
Summit. 28.9 Mi N of Ketchum.
Blaine Co. June 19

79280 Arabis holboellii Hornem. var. retrofracta
(5) Has reflected pedicels. Petals light
purple. Stems usually single
Ca 79279.

(Brah.) Rydb.

Idaho

79281 Arabis Lasiocarpa Rydb.
Stems arising below terminal cluster of leaves. Plants with a woody root. Pedicels widely spreading. Petals not unguiculate, light purplish. As 79279.

79282 Arabis holboellii Hornem. var. ?
Plants with a woody root. Stems arising from a cluster of basal leaves. Pedicels arched downward. Petals light purplish, not unguiculate. As 79279

79283 Thlaspi montanum L. var. idahoense (Payson) P. Holmgren
Caespitose in clumps up to 6" in dia. Fls. pure white. At the base of decomposed granite ~~cliff~~ road-cut. 30,3 miles N of Ketchum, Sawtooth Mountains, Blaine Co.
June 19

Idaho

P. Holmgren

79284 Thlaspi montanum L. var. idahoense (Payson) Holmgren
Small clumps. Old gravel bar.
14.6 mi. S. of Stanley. Custer Co. June 19

det. P. Holmgren

var. subvillosa (Wats.) Roll.

79285 Erysimum asperum (Nutt.) DC.
Siliques arcuate, widely spreading. Bank of Salmon River below road 1/4 mi. N of Stanley, Custer Co. June 19

(2)

79286 Arabis holboellii Hornem. var. holboellii
Stems single from the base, sometimes branched above. Sepals and petals magenta. Siliques ascending even though plants are ~~typically~~ not on a bank. Markedly different from 79287. Gravel at foot of steep hillside. Sagebrush-Cercocarpus area 6.6 miles NE of junction of Moy-Paterson road and US 93. On road to Double Springs Summit. Custer Co. June 19

(11)

Idaho

79287 Arabis holbellii Hornem. var. retropacta
Stems single from the base.
Sepals very light lavender to
(2) whitish. Flowers strictly reflexed.
Siliques and pedicels strictly
reflexed. As 79286.

79288 Arabis holbellii Hornem. var. pendulocarpa (A. Nels.) Roll.
Stems one to several from the
base. Sepals light purplish flk.
(7) loosely pendulous. Siliques loosely
pendulous. As 79286 and 79287.

79259 Arabis ~~Buffaloes~~ hirsuta (L.) Scop. var. glabrata T. & R.
Sepals greenish. Petals white,
unguiculate. Stems usually
single. Steep hillside in
open ~~str~~ area between dwarf
sagebrush. As 79286.

79290 Lesquerella carinata Rollins
Flowers yellow. Stems prostrate.
(18) Steep hillside and gravelly
bank. As 79286. Siliques
4-angled.

Idaho

79291 Draba ~~tenuicaulis~~ Rollins, ined.
Flowers yellowish. Steep hillside below snow melt.
(5) ~~combined~~ May be mixed 79292. ~~Same~~
as 79286.

~~79292~~ Draba.
Flowers yellowish. Steep hillside below snow melt.
(3) May be mixed with 79291.
Same as 79286.

79293 Draba oligosperma Hook.
Densely tufted in dry open
up to 3" in diameter.
(10) Flowers yellow. Siliques
pubescent with ~~pet~~ appressed
trichomes. Same as 79286.

79294 Thelypodium millefolium A. Nels.
Biennial. Stems single from the
Field base, branched above. Fls. white.
Siliques irregular, ascending.
(5) Sagebrush area, 2.7 miles W of
Atomic City, Butte Co.
June 20

Idaho

79295 Alyssum desertorum Stapf
Roadside weed. Abundant.
(4) As 79294.

79296 Arabis divaricarpa a. nels.
Siliques divaricately ascending
Petals light purplish. Meadow
(9) near Rainey Creek, 8.3 mi. NE of
Swan Valley, on road to Teton Pass
Bonneville Co. June 20

79297 Arabis divaricarpa a. nels.
Siliques widely spreading. Petals
(5) light purplish. As 79296

79298 Arabis divaricarpa a. nels.
Siliques loosely pendulous.
Petals light purplish. As 79296
(5)

Idaho

79299 Arabis ~~holboellii~~ divaricarpa A. Nels.

(4) Siliques and pedicels strongly reflexed. Pedicels not geniculate. Petals light purplish. Same as 79296.

79300 Arabis glabra (L.) Bernh.

(5) Calyx yellowish. Petals pinkish. Siliques strictly erect. As 79296.

WYOMING

79301 Physaria didymocarpa (Hook.) Gray var. integrifolia Roll.

(11) Stems several to numerous from a simple or branching caudex. Decumbent, arising below a terminal cluster of leaves. Fls. yellow. Siliques not inflated. Red clay-like soil on a steep bank. Near the Hoback River. 11 mi. NW of Bondurant, Sublette Co.

June 20

Wyoming

79302 Arabis drummondii Gray
Texas single. Sepals yellowish
or sometimes purplish. Petals
white or sometimes purplish.
Siliqua erect. Meadow and
sagebrush in aspen zone.
(6) Foothills of the Wind River
Mountains, 10 miles east of
Pinedale, Sublette Co.
June 21

Hornem. (a. Nels.) Roll.
79303 Arabis holboellii var pendulocarpa.
Stems one or few from a simple
or branched caudex. Pedicels and
(5) siliques loosely pendulous.
Rocky area overlooking Lake
Fremont. Foothills of the Wind
River Mountains, 11 NE of
Pinedale, Sublette Co.
June 21

Argonne

79304 Physaria Condensata Rydb.
Stems numerous, arising below terminal cluster of intricleaves. Siliques inflated. White packed and baked clay soil. Limited to white patches. Sagebrush area. ~~Hill~~ Hills ~~Ex~~ 10 mi. N of Kemmerer. Lincoln Co.
June 24

(14)

79305 Schoenocrambe linifolia (Nutt.) Greene
Stems several to numerous from a branching caudex. Fls. bright yellow. Siliques erect. Gravelly soil. 9 mi. N of Kemmerer, Lincoln Co.
June 21

(4)

~~79306~~

UTAH

79306 Streptanthus cordatus Nutt.
Stems one to several from base.
Calyx yellowish fading brownish.
Petals brownish. Siliques
(3) ascending. Cliff of Woodruff.
1.4 mi. E of Laketown, Rich Co.
June 21

79307 Arabis lasiocarpa Rollins
Stems several from a branching
woody base. Sterile tuft of
erect leaves terminating the
(24) main stems. Sepals purplish.
Petals purple. Pedicels loosely
arched downward. Siliques
loosely pendulous. Glabrous
or pubescent. High ridge in
sedimentary tipped rocks.
Wasatch Mountains. 6 Miles
W of Garden City and Bear Lake.
Rich Co.
Off U.S. Hwy 89 June 22

UTAH

79308 (2) Descurainia Californica (Gray) Schulz
Flowers yellow. In bunch of hillside. Cs 79307

79309 (33) Lesquerella multiceps Maguire
Stems prostrate, arising below a terminal cluster of leaves. Fls. yellow, petals not unguiculate. Decomposed sedimentary rock, probably Calcareous. Cs 79307.

79310 (13) Arabis holboellii Hornem. var pendulocarpa (a. Nels.) Rollins
Stems several from a branched caudex. Siliques pendulous. Cracks of sedimentary rocks. Cs 79307

79311 (3) Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.
Stems usually single. Sepals yellowish green. Petals white. Siliques strictly reflexed. Cs 79307.

UTAH

79312 Arabis divaricarpa A. Nels.
Stems one to few from simple or branching woody base. Sepals purplish, petals purple flowers divergent from main axis. Among brush of a quaking aspen grove. Co 7930?.
(3)

79313 Arabis drummondii Gray.
Stems one or few from simple or branching sub-ligneous base. Sepals purplish, petals purple. Flowers erect. Co 7930?.
(2)

79314 Arabis nuttallii Robinson
Perennial. Stems one to several from the base arising below a flat rosette of leaves. Sepals yellowish green, petals white, unguiculate. Pedicels divaricately ascending. Siliques erect. Grassy open areas in Aspen brush area. Mountain meadow below aspens. Wasatch Mountains, before the beginning of Logan Canyon between Garden City and Logan. Cache Co. Wasatch Range
(14)
off U.S. Hwy 89

June 22

UTAH.

79315 Arabis drummondii Gray
Stems one or few from the base.
Sepals purplish, petals white.
(1) ~~Erect~~ flowers erect. Siliques
erect. Grassy meadow. Alt 79314.

79316 Arabis lasiocarpa Rollins
Stems several from a woody
branching caudex which is
above ground. Sepals purplish
Petals deeper purple. Scarcely
(8) unguiculate. Pedicels loosely
pendulous. Siliques loosely
pendulous, slightly ~~incurved~~
incurved. ~~Rocky~~ Whitish
rocky area above meadow.
Rocks of sedimentary nature.
Alt 79314.

79317 Thlaspi montanum L. var. montanum
Shade of pine grove. Fls. white.
Siliques not notched. Logan
det. P. Holmgren Canyon, 13 miles W of Garden
City, Cache Co.

June 22

UTAH

79318 Chaerocrambe tenatalaus (Wats.) Rydb.
det Stems one to several from a
Holmgren large woody underground
root stock. ~~Leaves~~ Leaves
monomorphic. No concentration
(4) toward base of stem. Very
thin. Pedicels of buds becoming
arched downward. Lower buds
truncate. Streamside in
deep shade. Wood Camp Hollow,
N of Hwy 89 in Logan Canyon.
Bear River Range of Wasatch
Mts. elev. 6,900 ft.
Cache County June 23

79319 Thlaspi montanum L. var. montanum
Stems several from a
branching caudex. Flowers
det white. 1 mile W of Brighton,
P. Holmgren Big Cottonwood Canyon.
Wasatch Mountains, Salt Lake
Co.

June 24

UTAH

79320 Draba stenoloba Bedek. var. nana (Schulz) C.L. Hitchc.
Flowers yellow. Same as ~~79317~~ 79319.

79321 Erysimum
Flowers yellow. Stems one to few from a simple or branching base. Same as 79319.

Wyoming

79322 Schoenocrambe linifolia (Nutt.) Greene
Fls. yellow, stems one or few
(5) sagebrush area, near Continental
with Divide, 32 miles northeast of
Mark // Farson, Fremont County.
off Wyo. State Highway 28
June 26

79323 Arabis holboellii Hornem. var. retrofracta (Grah.) Rydb.
(6) stems ~~one~~ single from base, usually
unbranched, siliques strictly
reflexed
as 79322

79324 Arabis ~~[illegible]~~ lignifera A. Nels.
(1) stems single from base or branching,
siliques widely spreading, slightly arched
as 79322

with Mark

Wyoming

79325 Arabis demissa, Brewer var. languida Rolf.
Stems several from base, petals white, siliques pendulous
Open flat with dwarf sagebrush, east of the Continental divide, 36.5 miles northeast of Farson off state hwy 28, Fremont County
June 26
(1)

79326 Arabis holboellii, Hornem. var. pendulocarpa (A. Nels.) Rolf.
Stem single from base, petals light purple, siliques pendulous
as 79325
(4)

79327 Arabis microphylla Nutt.
79327 Caespitose, stems slender, fls. small, petals purplish, siliques erect. Crevices of large rocks of metamorphosed granitic material, Limber pine area, off state hwy 28, 39 miles northeast of Farson, southern approach to the Wind River Mts., Fremont County
June 26
(12)

79328 Draba aligosperma Hook.
in decomposed granitic material,
near boulders, as 79327
Fls. yellow

79329 Draba densifolia Nutt.
open areas and near boulders.
(7) fls. yellow
as 79327

79330 Arabis holboellii Hornem. var. pendulocarpa (A. Nels.) Roll.
siliques pendulous
(1) decomposed granite
as 79327

79331 Arabis holboellii Hornem. var. pendulocarpa (A. Nels.) Roll.
Stems several from base, petals
purplish, siliques pendulous.
(8) roadside in coarse granitic soil,
41 miles northeast of Farson,
Fremont County — June 26

79332 Arabis williamsii Rollins
Stems one or two from base,
(19) siliques erect ~~and divaricate pedicels~~
coarse granitic soil, between barbed wire
fences, off state hwy 28, 42 mi.
northeast of Farson, Fremont Co.
alt. 7,800 ft.
with 79333, 79334 and 79335 June 26

with Mark

Wyo

(a.nels.) Roll. X A. williamsii Roll.

79333 Arabis holboellii Hornem. var. pendulocarpa

(23) Siliques straight, rigidly at right angles to rachis, stems one to several from base
as and with 79332, 79334 & 79335

79334 Arabis drummondi Gray
stems one to several from base, petals purple, siliques erect,
(16) as and with 79332, 79333 & 79335

79335 Arabis holboellii var pendulocarpa Hornem. (a.nels.) Roll.
stems usually single from base,
(6) siliques pendulous
as and with 79332, 79333 & 79334

79336 Arabis microphylla Nutt.
Caespitose, petals purplish, shade of large granitic boulders, 3
(7) miles southwest of South Pass City, Fremont Co.

June 26

Wyoming

79337 Draba densifolia
Rocky knoll, 1 mi north of state hwy 28 on road to Louis Lake, Fremont County — June 26
(southern Wind River mts.)

79338 Arabis drummondii Gray
Stems one or two from base, mostly single, petal white or light lavender, granitic soil in lodgepole pine area, 3.5 miles northeast of state hwy 28 on road to Louis Lake, southern Winds River mts., Fremont Co., June 26,
7

79339 Arabis holboellii Hornem. var pendulocarpa (A. Nels.) Koll.
siliques pendulous
as 79338
(3)

79340 arabis holboellii Hornem. var retrofracta (Graham) Rydb.
(1) petals nearly white to light lavender
siliques strictly reflexed
as 79338

79341 Arabis lignifera A. Nels.
(1) siliques pendulous
hybrid? as 79338

Wyoming

79342 Thlaspi parviflorum A. Nelson
det. E.P. Holmgren 6 74.0
Stems one to several from base, edge of a meadow, southern Wind River Mts., 21 miles southwest of Lander, [illegible] road to Louis Lake, southern Wind River Range, Fremont Co. June 26

79343 Arabis hirsuta (L.) Scop., var. glabrata T.&G.
Fls. white, siliques erect.
(7) as 79342

79344 Physaria eborniflora Rydb.
~~Boulder~~ 7940
'73.2
58.7
13.5
Siliques inflated, rosettes sedum-like, same locality as 7922 near Devils Gate, western Natrona County, near Carbon Co. line, 13.5 miles east northeast of Muddy Gap Junction - June 27
(5)

79345 Physaria eborniflora Rydb.
same as no. 7926
plants retaining fruit found in a low place where water tended to accumulate. Soil whitish.
(5) a red rosette

Wyoming

79346 (2) Arabis holboellii Hornem. var. pinetorum (Tides.) Roll.
Siliques loosely pendulous, near sagebrush and Pinus ponderosa
½ mile west of U.S hwy 287, 8.5 miles north of Rawlins, Carbon Co.. June 27

79347 (1) Lesquerella ludoviciana (Nutt.) Wats.
One plant with malformed flowers
sandy sagebrush area
as 79346

79348 (10) Lesquerella alpina (Nutt.) Wats. subsp. condensata (A. Nels.) Rollins & Shaw
Clip-rock in limestone area on a high bluff
as 79346

79349 (5) Arabis demissa Greene var. languida Roll.
Siliques widely spreading, crevices of limestone rock and in clip-rock
as 79346

California

Arabis constancei - 7.6 miles southeast of Quincy, Plumas Co. / 7.3 miles southeast of Quincy. also Long Valley by Alice Eastwood. Presumably this is in the same general area.

Colorado

Pennellia micrantha ?

North Fork, S. platte River, E. of Shawnee, Park County, July 13, 1950, H.D. Ripley and R.C. Barneby 10457 7950 ft.
granite slide under cliffs

Nevada

Arabis - near microphylla

Sage-brush pinyon juniper, rocky slopes of Cemetery Hill; Belmont Cemetary, Toquima Range, ~~Toiyabe~~ Toquima Nat. Forest, Nye Co., 15 June 1977.

Smelowskia holmgrenii Nye County

Crest of Toiyabe Range at Ophir Pass, rock outcrops, 10,200-10,600 ft. 30 June 1978 Sherel Goodrich 11676.

Draba oreibata ?

head of Carseley Creek, Toiyabe Range, Toiyabe N.F. snowbank area 10,000 ft., Lander Co., 5 aug. 1978. Sherel Goodrich 12107.

Erucastrum = Brassica elongata Ehr.

Along Hwy. 50, 50 mi east of Austin, 6300 ft. elevation, disturbed ground along the highway. Eureka Co. July 1977. Sherel Goodrich 9387.

Arnold Tiehm
790 N. Maddux Dr.
Reno, Nevada 89512

Margaret J. Williams
Box 1530
Spanish, NV 89431

Meker Mary Yorder-Williams
117 Estates Rd.
Winnemucca NV
89445

Nevada

Arabis davidsonii

dm dense clumps in rock clefts, open ridge east of Hinkey Summit, Santa Rosa Range, Humboldt Nat. Forest. ca. 9000 ft. Humboldt County, July 19, 1961. Lincoln Constance 3707

Arabis n. sp. ?

Siliques erect, leaves narrow, cauline not auriculate near crest of Toiyabe Range near Ophir pass, Toiyabe N.F. T 13 N, R 41 E, sec. 36, 40 mi & 197° from Austin, 10,400 ft. very gravelly (near talus) Sherel Goodrich 11688 30 June 1978 Nye County, Nev.

Arabis ?

aspect of A. divaricarpa / A. lemmonii var drepanoloba

Toiyabe N.F.; along crest of the Toiyabe Range between Kingston Canyon and Frenchman Creek, 15 mi. & 186° from Austin; 10,600 ft. 14 July 1978 Sherel Goodrich 11827

Nevada

Oryctes nevadensis S. Wats. Solanaceae

① 5 mi. E. of Targyn road from the Fallon Lovelock highway. 4800 ft. June 27, 1975 - Arnold Tiehm 1040

② 3 mi. W. of Fallon on the Indian Lakes Road, 4000 ft. June 20, 1975 Pat Wot 16

Fix for Armando Hungiken.